



OIML Member State
Sweden

OIML Certificate No.
R76/2006-A-SE1-21.01

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: RISE Research Institutes of Sweden AB
Address: Box 857, SE-50115 Borås, Sweden
Person responsible: Martin Tillander

Applicant

Name: Ishida Co., Ltd
Address: 44 Sanno-cho, Shogoin, Sakyo-ku, 606-8392, KYOTO, JAPAN

Manufacturer

Name: Ishida Co., Ltd
Address: 44 Sanno-cho, Shogoin, Sakyo-ku, 606-8392, KYOTO, JAPAN

Identification of the certified type *(the detailed characteristics will be defined in the additional pages and in appendix to this certificate)*

UNI-5 series: UNI-5 B, UNI-5 P, UNI-5 EV1, UNI-5 SS

UNI-7 series: UNI-7 P, UNI-7 H, UNI-7 EV1, UNI-7 EV2, UNI-7 SS, UNI-7 B, UNI-7 P

Designation of the module *(if applicable)*

This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 76

Edition (year):2006

For accuracy class (if applicable): III

RISE Research Institutes of Sweden AB | Certification

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8P03873



2019-03-27

OIML Certificate No.
R76/2006-A-SE1-20.01

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report:

No. 8P03873-01-1 dated 2021-01-14 that includes 4 pages

The technical documentation relating to the identified type is contained in documentation file:

No. MTmP701127:001(68 pages) dated 2008-02-13, 8P03873-02-1 dated 2018-05-31(11 pages)

OIML Certificate History

Revision No.	Date	Description of the modification
First issue	2021-01-14	

Identification, signature and stamp

The OIML Issuing Authority

RISE Research Institutes of Sweden AB

Martin Tillander

Date: 2021-01-14

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

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ANNEX to an OIML Certificate of Conformity

Issuing Authority

Name: RISE Research Institutes of Sweden AB
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Correction

-

Identification, signature and stamp

The Issuing Authority

RISE Research Institutes of Sweden AB

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Date:2021-01-14

1.1 Technical data

Patterns	1.1.1 UNI-5 B, UNI-5 P, UNI-5 EV1, UNI-5 SS, 1.1.2 UNI-7 P, UNI-7 H, UNI-7 EV1, UNI-7 EV2, UNI-7 SS, UNI-7 B, UNI-7 RP			
Max capacity	15 kg	15 kg	30 kg	30 kg
Min capacity	40 g	100 g	100 g	100 g
Scale interval, e_1 e_2	2 g (0–5,998kg (Max ₁)) 5 g (6–15 kg)	5 g	5 g (0–15 kg) 10 g (15–30 kg)	10 g
Temperature range	-10 °C to +40 °C, 5 °C to +35 °C			
Power supply	100-240V AC, 50 Hz			
Maximum tare effect	- Max ₁			

2. Construction

2.1 Indicating device and load receptor

The weighing instrument consists of a plastic body with a rectangular load receptor and an operator's display, a customer display either mounted directly in the housing or on a pole and a built-in printer (figure 1-5, 14-17). Instrument UNI 7-RP consists of a scale unit and an indicator unit (figure 8) and may be connected to a wrapping machine. The base has four levelling feet and a level indicator situated at the top. The UNI-7 RP has the level indicator situated under the weighing platter.

2.2 Load cells

Type	Manufacturer	Capacity	n_{max}
CLC-25L	Ishida	25 kg	3000
CLC-50L	Ishida	50 kg	3000

2.3 Devices

- Determination of stability of equilibrium
- Zero indicator, (indicating zero within $\pm 0,25 e$) mandatory
- Semi-automatic zero-setting
- Initial zero-setting
- Zero-tracking (not mandatory)
- Semi-automatic subtractive tare weighing
- Preset tare
- Adjustment / set-up mode via a switch on the A/D board
- Checking the display
- Price calculation
- Level indicator and adjustable feet's used for levelling
- Indications other than primary indications
- Price labelling instrument (UNI7 RP)
- PLU function

The instrument may be equipped with the following protective interfaces:
Ethernet (RJ-45 and Wireless), RS-232C, SD Card, USB

3. Securing

One screw which covers the switch for memorizing the adjustment on the top side of the housing and another screw which preventing from opening of the housing shall be sealed with control marks (figure

1) . The specification plate shall be sealed with a control mark.
For UNI-7 RP, the upper and lower housing seam (of the scale unit), a cover for top opening to access the switch for memorizing the adjustment and shall be sealed with control marks (figure 2, 3, 4, 5) . In order to seal and identify the two units as one sealed unit the UNI-7 RP indicator unit will have a sticker with the scale units serial no; this sticker shall be sealed with a control mark.

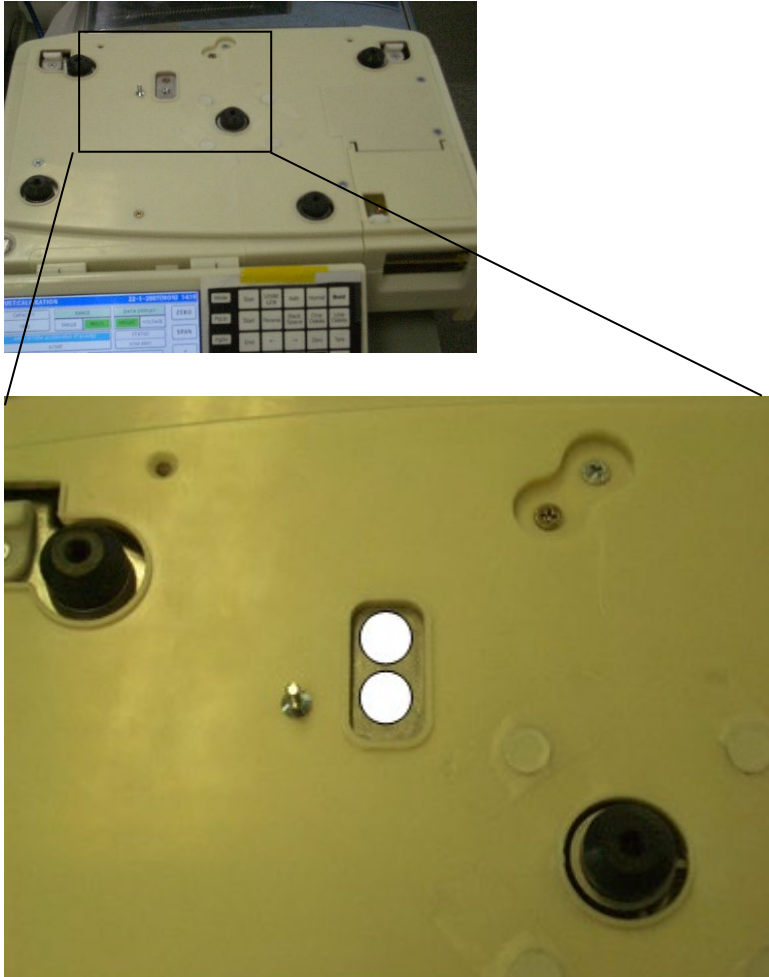


Figure 1 Securing of the memory switch.



Figure 2 Securing of the memory switch and platter opening for UNI-7 RP, scale unit



Figure 3 Alternative securing of the memory switch and platter opening for UNI-7 RP

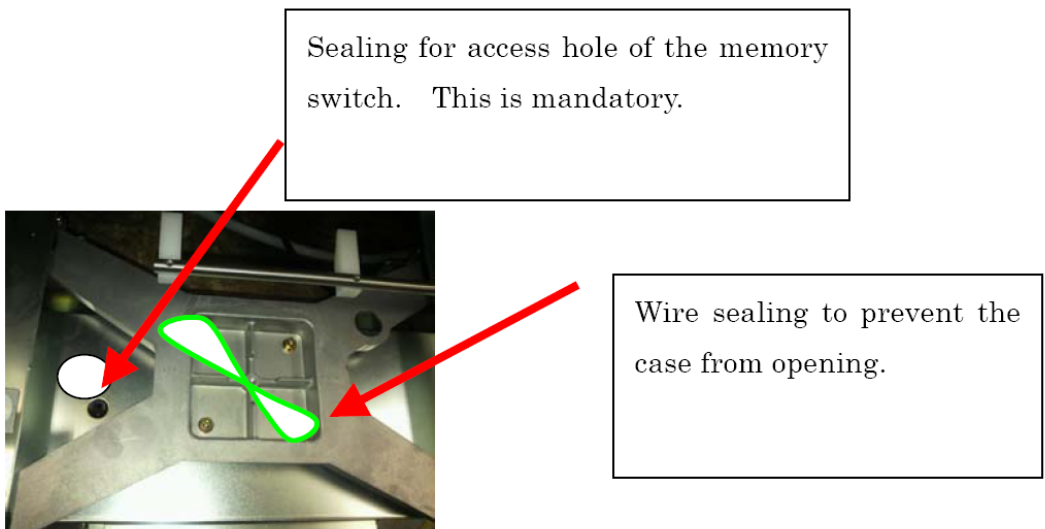


Figure 4 Alternative securing of the memory switch and platter opening for UNI-7 RP with metal casing (scale unit) with wrapping machine



Figure 5 Alternative securing of the memory switch and platter opening for UNI-7 RP with metal casing (scale unit) with wrapping machine